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IN THE CLAIMS:

Please cancel Claims 5-13, 19, and 21, without prejudice or disclaimer of subject matter. The remaining claims have all be allowed and are as follows:

1. (Previously Presented) A coordinate input apparatus which calculates position coordinates of a coordinate input pointing tool with respect to a coordinate input surface, comprising:
 - calculation means for calculating the position coordinates of the coordinate input pointing tool;
 - change means for changing the position coordinates by multiplying the position coordinates by a predetermined coefficient that is obtained on the basis of a coordinate with a vertical direction axis with respect to the coordinate input surface, and that is related to a distance between the coordinate input surface and the coordinate input pointing tool; and
 - output means for outputting the position coordinates changed by said change means.
2. (Cancelled).
3. (Original) The apparatus according to Claim 1, further comprising interpolation means for interpolating the position coordinates changed by said change means.
4. - 17. (Cancelled).

18. (Previously Presented) A control method of a coordinate input apparatus which calculates position coordinates of a coordinate input pointing tool with respect to a coordinate input surface, comprising:

a calculation step of calculating the position coordinates of the coordinate input pointing tool;

a change step of changing the position coordinates by multiplying the position coordinates by a predetermined coefficient that is obtained on the basis of a coordinate with a vertical direction axis with respect to the coordinate input surface, and that is related to a distance between the coordinate input surface and the coordinate input pointing tool; and

an input step of inputting the position coordinates changed in said change step.

19. (Cancelled).

20. (Previously Presented) A program which causes a computer to control a coordinate input apparatus which calculates position coordinates of a coordinate input pointing tool with respect to a coordinate input surface, comprising:

program code for a calculation step of calculating the position coordinates of the coordinate input pointing tool;

program code for a change step of changing the position coordinates by multiplying the position coordinates by a predetermined coefficient that is obtained on the basis of a coordinate with a vertical direction axis with respect to the coordinate input

surface, and that is related to a distance between the coordinate input surface and the coordinate input pointing tool; and

program code for an output step of outputting the position coordinates changed in the change step.

21. (Cancelled).